

Engine Compressor

PDSG290LVR/C/D

AIRMAN®

ENGINE COMPRESSOR (JPN STAGE 3)

PDSG290LVR/LVRC/LVRD-5C5

Product variations : Leak-Guard / After-Cooler / Dry-Air

**Fully Adjustable
Pressure Output**

0.6MPa—1.4MPa

Free Air Delivery

8.2—9.6m³/min



PDSG290LVRC

*Perfect for: Drilling / Bore Hole Drilling /
Blasting / Tools & more...*

Multiple Jobs—1 Compressor

Airman has led the market for box design compressors for the past 30 years and has continued to set the benchmark with their new Variable Rating (VR) technology. VR allows you to select the right pressure for each application from the smart control system. Its versatility means you may only need one compressor for many applications on your worksite, potentially saving you from buying additional compressors to suit different pressure requirements.

What sets this system apart is both the wide range of pressure settings available, and the ability to get more air from the system at lower pressures. VR may possibly be the only system to offer the ability to select any pressure from 0.6MPa (87psi) to 1.4MPa (200psi).

Substantial real world fuel savings can be achieved compared to using a compressor of higher pressure capacity than you need.

The versatility of the VR system has been made possible through Airman's careful selection of compressor air end size and engine power.

Airman continues to set the benchmark for quality, reliable and quiet air systems thanks to their high quality Japanese pedigree.

Standard Features

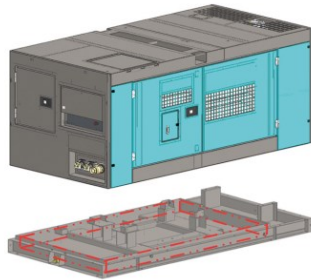
- Manufactured in Japan
- Genuine Japanese made Kubota engine
- Leak-Guard fluid containment
- High quality long life cabinets
- External fluids drainage points
- Super quiet 70dBA noise rating
- Easy to use electronic controller

*Ask CAPS about our extensive options and custom modifications.
Local trailer options also available*



Eco Friendly

Airman's Leak Guard full containment system prevents spills of all internal fluids


Variable Ratings

Safely select the pressure you need



| | MPa | psi | m ³ /min | cfm |
|---------------|-----------|---------|---------------------|-----|
| LOW | 0.6 - 0.8 | 87-116 | 9.6 | 340 |
| MEDIUM | 0.8-1.1 | 116-160 | 9.3 | 328 |
| HIGH | 1.1-1.4 | 160-200 | 8.2 | 290 |

Robust Design

Strong and sturdy, the PDSG290LVR is stackable for easy storage.


Standard Equipment

Emergency stop button plus separate engine and compressor air filters as standard.

Rotation Stop Brackets

Rotation stop brackets come standard.


Dry Air Capable

Integrated after-cooler / air-dryer models are available to suit a wide range of applications such as tools, drilling, blasting and pipeline regeneration.

Specifications Table

| | | PDS290LVR-5C5 Leak-Guard | PDS290LVRC-5C5 Leak-Guard | PDS290LVRD-5C5 Leak-Guard |
|---------------------------------|---------------------------|---|-------------------------------------|-------------------------------------|
| COMPRESSOR | | | | |
| Type | | Screw rotary type 1-stage compression oil cooling type | | |
| Free Air Delivery | m ³ /min (cfm) | 8.2-9.6 (290-340) | | |
| Rated operating pressure | MPa[Bar] (psi) | 1.4MPa-.6MPa [14.0-6.0] (200-87) | | |
| Compressor Fluid Capacity | L | 38 | | |
| Discharge | | Standard | After-cooler (Atm Temp + 20°C) | After-cooler (Atm Temp + 20°C) |
| Alternative selectable setting | | | | Dry Air (Atm Temp + 40°C) |
| Air outlet Valve | | 3 x 20A (3/4" M) / 1 x 50A (2" F) | | |
| ENGINE | | | | |
| Make/Model | | Kubota V3800-DI-TIE3B-HE-2 | | |
| Type | | Water-cooled 4-cycle 4-cylinder direct-injection turbocharger with air cooler | | |
| Rated output | kW / min ⁻¹ | 79.3 / 2600 | | |
| Engine oil capacity | L | 13 | | |
| Fuel tank capacity | L | 177 | | |
| Battery | | 130F51 x 1 | | |
| DIMENSIONS & WEIGHT | | | | |
| LxWxH | mm | 2600 x 1300 x 1300 | | |
| Dry (Operating) weight | kg | 1560(1760) | 1610 (1810) | 1660(1860) |
| Sound power level in decibels | dB | 99 | | |
| Sound pressure level | db[A] | 70 | | |
| Designated emissions regulation | | JPN Stage 3 | | |

Specifications are subject to change without notice